

automatic without getting for that more power from outside source of energy, what is a proof that mechanical energy output exceeded muscular energy input.

The application is not limited to the details shown, since various modifications and changes are possible, without changing the patent in any way from the spirit of the invention.

What is desired to be protected by patent letter is set of five in the appended claims.

Claims

1. A system of getting for a bicycle and other pedal-driven vehicles mechanical energy output exceeded muscular energy input due to the gravitational Lever,

Comprising:

A first rotatable unbalanced element as a receiver of a power from two different sources of energy, such as a muscular energy and a gravitational energy, which are convert themselves into mechanical energy by means of a first element for transmission of the driving power via second one way rotatable element and a third rotatable element to a fourth rotatable element as a support for the first and second rotatable elements,

the first rotatable element being connected to a fourth rotatable element by means of a rotatable axle, rotates clockwise together with a fourth element around the fourth element axle of rotation and at the same time rotates counter-clockwise around itself geometric axle of rotation together with a real axle, which is connected both of rotating elements to each other

the second rotatable element being connected to the first rotatable element by means of the overrunning clutch and to the third rotatable element by means of toothing, rotates around the third and the fourth elements axle of rotation as well as a first element, it means clockwise, and at the same time the second element rotates around its own axle of rotation counter-clockwise and because of that, makes the third and fourth elements turn faster than in the case of their rotation without interaction between the second and the third rotatable elements as a kinematic couple, so that the third and the fourth elements as one increase its speed automatic without

2. The system of claim 1, wherein the first rotatable element is a gravitational Lever as one of two pedals, having a contour of a section as a contour of a spherical sector, which is in combination with a pedal strap keeps itself vertical during rotation and because of that provides additional power to turn whole rotating system faster, and which is able to be changed by a regular pedal.

3. The system of claim 1, wherein the third element is a disk with a chain periphery, while the second element is a sprocket, combined with an overrunning clutch for one-way kinematic interaction with a chain periphery instead of gear periphery.

4. The system of claim 1, wherein the fourth element is a special crank, as a support for a gravitational Lever, as a pedal its rotating axle and sprocket with overrunning clutch.

5. A method of getting for a bicycle and other pedal-driven vehicles mechanical energy output exceeded muscular energy input due to the gravitational Lever,

comprising the steps of:

placing a first unbalanced element on a fourth rotatable element,

placing a second rotatable element on a first rotatable element,

connecting the first element and the second element to one another by means of an overrunning clutch,

placing the third and fourth rotatable elements on a crank's axle

rotating the first rotatable element powered by two different sources of energy, such as a muscular energy and a gravitational energy, which are convert itself into mechanical energy by means of a first element for transmission of the driving power via second and third rotatable elements to a fourth rotatable element as a support for the first and second rotatable elements,

the second rotatable element being connected to the first rotatable element by means of the overrunning clutch and to a third rotatable element by means of tothing, rotates around the third and the fourth elements axle of rotation as well as a first element clockwise and at the same time the second element rotates around its own axle of rotation counter-clockwise and because of that, makes the third and fourth elements as one rotate faster than in case of it rotation without interaction between the second and the third rotatable elements as a kinematic couple,

and so that the third and the fourth elements increase it speed automatic without additional outer force due to the combined power actions into close kinematic path of the first, second, third and fourth rotatable elements.